

STATEMENT
OF
WORK
(SOW)
FOR THE REBUILD OF THE
AAV
POWER ASSIST TRAVERSE MECHANISM

NSN 1010-01-258-9661

SOW-04-CBG-8C959B-1/1

December 14, 2001

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OF THE AAV POWER ASSIST TRAVERSE MECHANISM
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**STATEMENT OF WORK FOR THE REBUILD
OF THE AAV POWER ASSIST TRAVERSE MECHANISM
NSN 1010-01-258-9661**

1.0 SCOPE. This Statement of Work (SOW), along with TM-10004A-25&P/2 establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor in the rebuild of the Assault Amphibious Vehicle (AAV) Power Assist Traverse Mechanism here after referred to as the Traverse Mechanism. This document contains minimum requirements to restore the Traverse Mechanism to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitations or restrictions". National Stock Number (NSN) 1010-01-258-9661 identifies the Traverse Mechanism.

1.1 BACKGROUND. Rebuild is defined as that maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through complete disassembly of the item; inspection of all parts or components, repair or replacement of worn or unserviceable parts using original manufacturing tolerances and/or specifications, and subsequent reassembly of the item.

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-2073-1D	DoD Standard Practice for Military Packaging
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MIL-STD-129	DoD Standard Practice for Military Marking
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Military Handbook (For Guidance)

MIL-HDBK-61	Configuration Management Guidance
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2.2 Other Government Documents and Publications

DoD 4160.21-M	Defense Materiel Disposition Manual
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TM 10004A-25&P/2	Maintenance Instruction Upgunned Weapons Station (UGWS) Assault Amphibious Vehicle Personnel Models 7A1 AAVP7A1
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TM 2350-45

DMA Standard Procedures

Drawing 6289572

NAVSEASYS COM Engineering Drawing for
Power Assist Traverse Mechanism Assembly

DoD 4000.25-1-M

MILSTRIP Manual

2.3 Industry Standards

ANSI/ISO/ASQC 19003-1994
Final Inspection and Test

Quality Systems-Model for Quality Assurance in

Industry Standards (For Guidance)

ANSI/EIA-649

National Consensus Standards For Configuration
Management

Copies of Military Standards and Specifications are available from the DoD Single Stock Point, Document Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697-2179 or DSN 442-2179 or <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by the contractor in connection with specific SOW requirements shall be obtained through the Contracting Officer: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, Albany Georgia 31704-30190, commercial telephone number (229) 639-6761, or DSN 567-6761. Copies of engineering drawings, if applicable shall be obtained from Supply Chain Management Center, Attn: (Code 583-1), Marine Corps Logistics Bases, 814 Radford Blvd., STE 20302, Albany, Georgia 31704-3020, commercial telephone number (229) 639-6410 or DSN 567-6410.

3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements the contractor shall:

a. Provide materials, labor, facilities, and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, repair, rebuild, and calibrate as required to make the Traverse mechanism fully operational. Upon completion of the rebuild, the Traverse Mechanism shall be Condition Code "A".

b. Conduct final-on-site testing, which may be witnessed by Marine Corps System Command (MCSC) (CBG), Albany, Georgia representative at his/her discretion.

c. The contractor shall be responsible for all structural, electrical, and mechanical requirements associated with the rebuild of the Traverse Mechanism specified in TM

10004A-25&P/2, TM 2350-45, TI-4700-45/6B, and Naval Sea Systems Command Engineering Drawing 6289572.

d. Ensure all Traverse Mechanism meet the configuration of Naval Sea Systems Command Engineering Drawing 6289572.

e. All mandatory replacement parts identified in TM 10004A-25&P/2 shall be replaced 100%. Economical replacement parts may be reused if they meet the applicable inspection requirements in TM 2350-45. All parts shall be disposed of in accordance with DoD 4160.21-M.

3.2 Detailed Tasks. The following tasks describe the different phases for the rebuild of the Traverse Mechanism.

3.2.1 Phase I – Rebuild. The contractor shall receive Traverse Mechanism for rebuild. The contractor shall then disassemble the Traverse Mechanism into components and conduct the rebuild process. The contractor shall rebuild components in accordance with the requirements in TM 10004A-25&P/2 and this SOW. The contractor shall be responsible for supplying all equipment, tools, test equipment, and materiel's for the conduct of this effort. The contractor shall be responsible for the integration and assembly of all components. The configuration identification for the Traverse Mechanism is defined by the specifications annotated on the current revision level of Naval Sea Systems Command drawing 6289572. A Rebuild Data Plate shall be installed centered in the rear below the item identification plate. The rebuild data plate shall contain the following, (REBUILD BY:) (INSPECTED BY:) and (DATE REBUILT:). The plate shall be no more than .008 in thickness, "2 ¾" in length and ¾" in height.

3.2.2 Phase II – Inspection, Testing, and Acceptance

a. Inspection, testing, and acceptance of the Traverse Mechanism shall be conducted in accordance with TM 10004A-25&P/2 and ANSI/ISO/ASQC Q9003-1994. The contractor shall correct any deficiencies discovered.

3.2.3 Phase III- Packaging, Handling, Storage, and Transportation (PHS&T).

a. The contractor shall be responsible for preservation and packaging for items being repaired under the terms of this SOW. Items being prepared for long-term storage or shipment to overseas destinations shall be in accordance with the Level "A" requirements of MIL-STD-2073-1D, Method 44. Items being prepared for domestic shipment, immediate use, or short-term storage shall be to level "B" requirements.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps shall provide the contractor with the shipping address(es) for the delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps shall be

responsible for transportation costs associated with shipping the subject equipment to and from the contractor.

3.3 Configuration Control

a. The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement a design or performance change to items without prior written authorization. The need to deviate from the written procedures or materiel's contained in the technical manuals/engineering drawings shall be requested by the electronic submission of a Request for Deviation (RFD). MIL-HDBK-61 and ANSI/EIA-649 provides guidance for preparing RFDs.

b. The creation and submission of RFDs shall be accomplished using MEARES CREATE software application, which resides at a secure web site <https://mears.redstone.army.mil>. For the purpose of gaining access to the Web site, the contractor shall request User-ID and password privileges from the Requiring Office identified in Block 6 of the applicable Contract Data Requirements List. The contractor shall request and direct technical or functional questions concerning usage of MEARES CREATE software to the Requiring Office for guidance. The contractor shall notify the Requiring Office by electronic mail when completed RFDs are ready for formal submission.

3.4 Government Furnished Equipment (GFE) and Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 573-2) will coordinate required (GFE)/GFM requests and maintain a central control on Marine assets in the Contractor's possession. The MCA will forward a GFE Accountability Agreement to the Contractor for signature on an annual basis to establish a chain of custody and identify property responsibility for Marine Corps assets. The contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. (This can be done by mailing (Material Management Department, Management Control Activity (Code 573-2) 814 Radford Blvd, STE 20320, Albany, GA 31704-0320) or faxing (commercial 229-639-5498 or DSN 567-5498) a copy of the DD1348).

3.5 Contractor Furnished Materiel (CFM). The contractor may requisition materiel as required in the performance of this SOW through the DoD Supply System. DoD 4000.25-1-M, (MILSTRIP) Chapter 11 provides guidance to contractors on the requisitioning process. The contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of material and the required completion/delivery date.

3.6. Quality Assurance Provisions

3.6.1 The performance of the contractor's quality of work performed, material provided and documents written shall be subject to in-process review and inspection by the MCSC (CBG) representative during contract performance. Inspection may be accomplished at any work location. The MCSC representative requires at a minimum, two weeks notice of

acceptance test to allow for sufficient time for representative to witness the test if he or she desires. Inspection by the MCSC representative of acceptance tests, materiel's and associated lists furnished hereunder does not relieve the contractor from any responsibility regarding defects or other failures to meet the SOW requirements which may be disclosed prior to final acceptance.

3.6.2 The contractor shall provide and maintain a Quality System that as a minimum adheres to the requirements of ANSI/ISO/ASQC Q9003-1994. The contractor's work shall be subject to in-process reviews and inspections for compliance with these procedures and standards by MCSC representative. Noncompliance with these quality assurance procedures resulting in degraded quality of work may result in a stop-work order requiring action by the contractor to correct the work performed and to enforce compliance with quality assurance procedures or face contract termination. Notwithstanding such inspection, it shall be the contractor's responsibility to ensure that the entire system meets the performance requirements of this SOW.

4.0 Reports. All reports deliverables shall be submitted in hard copy to Marine Corps Systems Command, Attn: (CBG), 814 Radford Blvd, Suite 20320, Albany, Georgia 31704-0320, unless directed otherwise in a Contract Data Requirement List.

4.1 Monthly Production Status Report. A Monthly Production Status Report shall be submitted summarizing the progress and status of the AAV Power Assist Traverse Mechanism Assembly.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM AAV Traverse Mechanism	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Contractor's Progress, Status, and Management Report	3. SUBTITLE Management
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4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80227	5. CONTRACT REFERENCE SOW 4.1	6. REQUIRING OFFICE MCSC (CBG), Albany, GA
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7. DD 258 REQ LT	8. DIST STATEMENT REQUIRED A	10. FREQUENCY MTHLY	12. DATE OF FIRST SUBMISSION See Blk 16	14. DISTRIBUTION							
9. APP CODE N/A	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION See Blk 16	<table border="1"> <tr> <th rowspan="2">a. ADDRESSEE</th> <th colspan="3">b. COPIES</th> </tr> <tr> <th>Draft</th> <th>Final Reg</th> <th>Repro</th> </tr> </table>		a. ADDRESSEE	b. COPIES			Draft	Final Reg	Repro
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	Draft	Final Reg	Repro								

16. REMARKS Contractor format is authorized. Blk 4 - Tailor DI-MGMT-80227 as follows: Delete paragraphs 10.3g, 10.3h, 10.3i, and 10.3j. Blk 12 - The reporting period shall be from the first to last business day of each month. Initial submission shall be 60 DAC. Blk 13 - Subsequent submissions shall be 10 days after the last business day of each month. Distribution StatementA: Approved for public release; Distribution is unlimited.	MCSC (CBG) Albany, GA	0	1	0
	16. TOTAL	0	1	0

G. PREPARED BY <i>RE Hoffman</i>	H. DATE 12/14/01	I. APPROVED BY <i>RE Hoffman</i>	J. DATE 12/14/01
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TOP _____ TM _____ OTHER _____ X
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D. SYSTEM/ITEM AAV Traverse Mechanism	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. B001	2. TITLE OF DATA ITEM Request For Deviation	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640C	5. CONTRACT REFERENCE SOW 3.3	6. REQUIRING OFFICE MCLBA (583)
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7. DD 259 REQ NO	8. DIST STATEMENT REQUIRED A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION See Blk 16	14. DISTRIBUTION
9. APP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION See Blk 16	a. ADDRESSEE PM, AAV MCLBA (583-1)
				b. COPIES Draft Final Reg Repro

16. REMARKS
Blk 4 - MEARS CREATE user-id and password will be assigned by the Requiring Office.

Blk 4: MEARS RFD text files shall be submitted electronically using MICROSOFT (.doc) or ADOBE (.pdf) formatted software products.

Blks 12 & 13 RFDs notification shall be accomplished via e mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil

Blk 14: Accompanying figures to the text files shall be in a MICROSOFT format or CCITT Group 4 graphic file. Group 4 files shall have a minimum density of 600 dpi.

Blk 14: Questions concerning MEARS CREATE V8.3 functionality shall be directed to the Requiring Office. POC is Doug Smith who may be contacted at DSN 567-6424/25 or email: smithdc@matcom.usmc.mil

Distribution Statement A: Approved for Public Release; Distribution is Unlimited.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY <i>Nicole L. Bradley</i>	H. DATE	I. APPROVED BY <i>[Signature]</i>	J. DATE 12/14/01
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